

Peak District National Park

Forecast valid from 00:00 on Monday 08 Nov 2021 until 23:59 on Tuesday 09 Nov 2021

Forecast Issued on Sunday 07 Nov 2021 at 09:03

Confidence: High for a change to southwesterly winds into Monday and for some rain at times through the week, but lower confidence for amounts and timings of rain Tuesday and Wednesday.

Headline for Monday 08 Nov 2021: Cloudy and mild. Mainly bright in the morning, but cloud thickening in afternoon to bring some rain or drizzle.

Mountain weather hazards on Monday 08 Nov 2021

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
No Likelihood

Heavy Snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Partly cloudy (night)	Cloudy	Cloudy	Cloudy	Cloudy	Fog	Drizzle	Drizzle
Precipitation probability							
00%	00%	00%	10%	10%	20%	40%	40%

Forecast for Monday 08 Nov 2021

Weather: Fog patches in early hours, but clearing overnight as cloud increases. A cloudy day, but mainly dry and bright through the morning though cloud increasing and lowering. Cloud thickening and lowering further in afternoon to bring outbreaks of rain or drizzle, with rather persistent hill fog at height by the evening

Chance of cloud free mountain/hill tops above 600m: 70%, becoming 40% by the afternoon and 10% by evening.

Visibility: Mainly good below cloud, but poor at times in rain and drizzle later. Becoming very poor at height, quite extensive cloud and fog above 500-600m by the afternoon, becoming more extensive in afternoon and perhaps down to 300m in south and west by evening.

Forecast for Monday 08 Nov 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/21 W	13/19 W	11/15 SW	13/17 SW	16/22 SW	20/28 SW	22/31 SW	25/35 SW	25/36 SW
300	7/12 W	7/11 SW	5/8 SW	5/8 SW	9/14 SW	13/20 SW	15/24 SW	16/25 SW	16/26 SW
Valley	4/14 NW	3/10 SW	3/8 S	3/9 S	6/14 S	8/18 SW	9/22 SW	11/23 SW	11/24 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-1	4/-0	4/0	5/1	6/2	8/4	8/4	9/4	9/4
300	6/4	6/4	6/4	7/6	9/6	10/7	10/7	11/8	11/8
Valley	6/5	6/5	6/5	7/6	9/8	10/9	11/9	11/9	11/9
Freezing Level*	1100m	1200m	1500m	2500m	2600m	3000m	3100m	3100m	2800m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

A mild and rather humid day, temperature possibly reaching 14 C in some valleys. Stronger and more gusty winds likely on lower leeward slopes.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 07 Nov 2021	2.4mm	6mm	8.2mm

Forecast for Tuesday 09 Nov 2021

Weather: Cloudy, with areas of hill fog. Patchy rain or drizzle in morning but more persistent and possibly heavier in afternoon. Rain mostly clearing in evening with some breaks in cloud but light winds will see fog patches developing.

Maximum wind: Southwest 15-20mph, but 25mph over the tops in morning and turning westerly and easing 5-10mph in evening

Chance of cloud free mountain/hill tops above 600m: 10 or 20%, becoming 50 or 60% in evening.

Visibility: Moderate occasionally good at low levels, but very poor, above 300 or 400m through most of the day, with extensive cloud and fog

Temperature: **Valleys:** Plus 9 to 11 C, decreasing plus 6 C later
At 600m: Plus 9 C, later plus 7 C
Freezing level: Well above tops